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FACSIMILE (703) 549-841111017 U.S. PTO  
10/08/2014  
02/27/02Atty. Docket No.: 3175-Z**UTILITY PATENT APPLICATION TRANSMITTAL**  
(Only for new nonprovisional applications under 37 C.F.R. §1.53(b))

Box PATENT APPLICATION  
Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Transmitted herewith for filing is the patent application of:

INVENTOR(S): 1. Laung-Terng (L.-T.) Wang, Sunnyvale, California  
2. Ming-Tung Chang, Hsinchu, Taiwan  
3. Shyh-Horng Lin, Taipei, Taiwan  
4. Hao-Jan Chao, Taoyuan, Taiwan  
5. Jaehee Lee, San Jose, California  
6. Hsin-Po Wang, Hsinchu, Taiwan  
7. Xiaoqing Wen, Sunnyvale, California  
8. Po-Ching Hsu, Hsinchu, Taiwan  
9. Shih-Chia Kao, Taipei, Taiwan  
10. Meng-Chyi Lin, Taoyuan, Taiwan  
11. Sen-Wei Tsai, Hsinchu, Taiwan  
12. Chi-Chan Hsu, Hsinchu, Taiwan

TITLE: Method and Apparatus for Diagnosing Failures in an Integrated Circuit Using Design-for-Debug (DFD) Techniques

1.  Specification of 39 pages.  
 Claims, 83 in number.  
 Abstract.
2.  Drawings. Total Sheets: 22
3.  Oath or Declaration.
  - a.  Newly executed (original or copy)
  - b.  Copy from prior application (37 CFR 1.63(d))  
*(for continuation/divisional with Box 5 completed)*
    - i.  DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
4.  Application Data Sheet. See 37 CFR 1.76.
- 5a.  If a **CONTINUING APPLICATION**, check appropriate box and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:  
 Continuation  Divisional  Continuation-in-part (CIP):  
of prior application Serial No.: \_\_\_\_\_  
*Prior application information: Group Art Unit: Examiner:*

**For: CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 3b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application part.**

5b.  Nonprovisional application based on:  
Provisional Application Serial No. 60/272,064 filed March 1, 2001.

6.  Applicant claims small entity status. (see 37 CFR 1.27)  
7.  An assignment of the invention to: \_\_\_\_\_

8.  A certified copy of \_\_\_\_\_ application No. \_\_\_\_\_ filed \_\_\_\_\_, the priority of which is hereby claimed.

9.  Preliminary Amendment

10.  Information Disclosure Statement (IDS) PTO-1449  
 Copies of IDS Citations.

11.  Return Receipt Postcard (MPEP 503)

12.  Other:

13.  The filing fee has been calculated as shown below:

For	No. Filed	Basic	No. Extra	Rate \$	Calculations
Total Claims	83	20	63	\$ 18.00	\$1,134.00
Indep. Claims	11	3	8	\$ 84.00	\$ 672.00
[ ] Multiple Dependent Claims				\$280.00	\$
BASIC FEE					\$ 740.00
TOTAL OF ABOVE CALCULATIONS					\$2,546.00
[X] Reduction by 1/2 For Filing By Small Entity					\$1,273.00
TOTAL FILING FEE					\$1,273.00

14.  It is requested that the attached application be given a serial number and filing date and that correspondence concerning this application be forwarded to applicants' undersigned counsel.

15.  Correspondence Address:  
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Respectfully submitted,

*Jim Zegeer*  
Jim Zegeer, Reg. No. 18,957  
Attorney for Applicant

Date: February 27, 2002